



NOTES:

OPTIMUM PERFORMANCE DEPENDS ON ADHERENCE TO THESE STUD, ROD OR WIRE SPECIFICATIONS.

1. MATERIAL MAY BE MILD STEEL, ALUMINUM, BRASS, ZINC OR OTHER MALLEABLE METAL.
2. SURFACE HARDNESS MUST NOT EXCEED ROCKWELL 30T-78.
3. RECOMMENDED DIAMETER TOLERANCE +0.05/-0.08
4. ENDS MUST BE FREE OF DISTORTION OR BURRS. CHAMFER 0.8 X 45° FOR EASIER ASSEMBLY.
5. NICKEL, CHROMIUM OR OTHER HARD FINISHES ON STEEL STUDS ARE NOT RECOMMENDED.
6. NICKEL - CHROMIUM PLATING ON DIE-CAST STUDS MUST NOT EXCEED 0.075 THICKNESS. THIS FINISH IS NOT RECOMMENDED ON STUDS.



ISOMETRIC VIEW  
SCALE 1:1

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-	-	-	-	-
Hb	0111-0192	UPDATED TOLERANCE	01.11.13	JM
Ha	0111-0155	DWG UPDATED ACCORDING TO SAP; NO PART CHANGE	03.10.13	JM
REV	CHNG NO.	REVISION DESCRIPTION	DATE	BY

**ARaymondTINNERMAN**  
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INTELLECTUAL PROPERTY RIGHTS	ALL RIGHTS RESERVED	CLASSIFICATION CODE	EAAA-
REPLACES	PS100319 REV H; 08/10/10	DEV. REF.	-
SCALE	4:1	DATE	03.10.2013
FORMAT	A3	PREPARED BY	J. MELL
GENERAL TOLERANCE	ONE PLACE: ± 0.5 TWO PLACE: ± 0.25 ANGULAR: ± 2°	APPROVED	20131101144251
PROJECTION		MAT. THICKNESS (mm)	0.43
		VOLUME (mm³)	90
		WEIGHT (g)	0.7
FINISH/COLOR	PHOSPHATE + OIL	FINISH CODE	5100
MATERIAL TREATMENT	ROCKWELL 30N 58-68		
MATERIAL	1050-1065 PER SAE J403	MAT. CODE	1005
TITLE	PUSH ON - 10mm		
PART NO.	138617-0-00	DRAWING TYPE	C:Customer
CUSTOMER PART NO.	-	SHEET	1 / 1
CAD SYSTEM & VERSION	V5 R19	FILENAME	138617-0C00